



Calibration Capabilities Guide

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Livingston

Calibration Management Services



Calibration Capabilities Guide

Livingston Calibration Services can provide calibration to manufacturers specification for the following range of equipment

RF MICROWAVE EQUIPMENT

Connector Gauging	Male and female N, APC 3.5, 7/16
Signal Generators	Analogue Modulation – 40GHz Digital Modulation – 40GHz
Sweep Generators	DC to 40GHz
Spectrum Analysers	Analogue – 40GHz Digital Modulated – 40GHz
Network Analyser	10Hz to 26.5GHz
Scalar Analyser	DC to 26.5GHz
Power Sensors	10kHz to 26.5GHz
Counter/Timers	DC – 40GHz
Attenuators	Fixed – DC to 26.5GHz Step – DC to 26.5GHz
Directional Couplers	DC to 26.5GHz
Filters	Fixed – DC to 26.5GHz Step – DC to 26.5GHz
Modulation Meters & Analysers	AM, FM & PM Modulation
Measuring Receivers & Sensor Modules	DC to 26.5GHz
RF & Vector Voltmeters	DC to 18GHz
Radio Communication Test Set	DC to 26.5GHz
Mobile Phone Testers	DC to 2.7GHz
GSM/DCS/PCS/W-CDMA Test Sets	DC to 26.5GHz
VSWR/TDR Meters	0.01 to 26.5GHz
Cable TV Analysers	75 Ohms, DC to 1.05GHz
Directional & RF Power Meters	DC to 26.5GHz

OPTICAL EQUIPMENT

Optical Sources	850 – 1625nm
Visible Light Sources	
Optical Power Meters	850 – 1625nm
Optical Attenuators	850 – 1625nm
OTDR's	850 – 1625nm
Optical Power Meters at required wavelengths.	Absolute & Linearity measurement
Laser / LED Sources	Peak & centre wavelengths, RMS & FWHM spectral half-width, output power and stability.
Attenuation	Insertion loss & attenuation
Optical Time Domain Reflectometers	Pulse width, distance accuracy, wavelength accuracy, splice loss & dynamic range.

TELECOMMUNICATION EQUIPMENT

PDH/SDH Equipment	To Manufacturers Specification
Bit Error Rate Testers	To Manufacturers Specification
PCM Equipment	To Manufacturers Specification
STM1/4/16/64	To Manufacturers Specification
Protocol Analysers	To Manufacturers Specification

For more information on any of the above,
e-mail calibration@livingston.co.uk or phone
Steve or Demetrios on **0208 943 5151**

GENERAL TEST EQUIPMENT

Digital Multimeters	6.5 Digits
Oscilloscopes	Analogue – 2.5GHz Digital – 15GHz
Current Clamps and Meters	DC-1kHz, 0-1000A
Digital Thermometers	-200 to +1370°C K, J, T, R, S, M, N, Pt100
Temperature/Humidity Recorders	Temperature – 0 to +140°C Humidity – 20 to 80%Rh
DC Power Supplies	Up to 3000W
Function Generators	DC to 50MHz
Arbitrary Waveform Generators	DC to 250MHz
Pulse Generators	DC to 350MHz
Level Measuring Sets	DC to 1000MHz
AF & RF Amplifiers	AF to 1000W RF to 26.5GHz
Chart Recorders / Plotters	DC, AC, Temperature

ELECTRICAL TESTERS

Insulation/Continuity Testers	All Ranges
RCCD/RCD/ECB Testers	All Ranges
Loop Testers	All Ranges
Multifunction Testers	All Ranges
Portable Appliance Testers	All Ranges
16th Edition Testers	All Ranges

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